Title (en)
   DIGITAL ECHO CANCELLER

Title (de)
   DIGITALER ECHOUNTERDRÜCKER

Title (fr)
   PROCEDE ET DISPOSITIF POUR ANNULEUR D'ECHO A PROJECTION AFFINE A CONVERGENCE RAPIDE

Publication
   EP 1320941 A2 20030625 (EN)

Application
   EP 01973711 A 20010907

Priority
   • US 0142088 W 20010907
   • US 23142000 P 20000908
   • US 94780401 A 20010906

Abstract (en)
   [origin: US6700978B2] An adaptive filter estimates a channel weight vector of an echo channel using an affine projection (AP) update. The echo channel receives a send input sequence and a receive input sequence. The channel weight vector has first and second lengths when the adaptive filter operates in a first adaptation mode and a second adaptation mode, respectively. A delay estimator determines a delay in the echo channel using the adaptive filter in the first adaptation mode.

IPC 1-7
   H04B 3/00

IPC 8 full level
   H04B 3/23 (2006.01)

CPC (source: EP US)
   H04B 3/23 (2013.01 - EP US)

Cited by
   US8259927B2

Designated contracting state (EPC)
   AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
   WO 0221717 A2 20020314; **WO 0221717 A3 20030227**; AT E332040 T1 20060715; AU 9326401 A 20020322; CA 2421759 A1 20020314; CA 2421759 C 20080902; CN 1473403 A 20040204; CN 1473403 B 20100505; DE 60121186 D1 20060810; EP 1320941 A2 20030625; EP 1320941 B1 20060628; HK 1054136 A1 20031114; US 2002071547 A1 20020613; US 6700978 B2 20040302

DOCDB simple family (application)
   US 0142088 W 20010907; AT 01973711 T 20010907; AU 9326401 A 20010907; CA 2421759 A 20010907; CN 01818527 A 20010907; DE 60121186 T 20010907; EP 01973711 A 20010907; HK 03106296 A 20030903; US 94780401 A 20010906